Energy Answers Bibliography

A SUBJECT GUIDE TO THE LITERATURE
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BIBLIOGRAPHIES:

THE CANADIAN ENERGY BIBLIOGRAPHY. Ontario Library Association. (1980) 146 p. $6.95

A listing of over 600 publications published in Canada relating to renewable and non-renewable forms of energy and conservation.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSUMER ENERGY RESEARCH: AN ANNOTATED BIBLIOGRAPHY 1982. Consumer and Corporate Affairs Canada. (1981) 510 p.

An annotated bibliography of energy research and studies.

(NOT AVAILABLE FOR DISTRIBUTION)

INDEX OF SELECTED PUBLICATIONS 1979. Energy, Mines and Resources Canada. (1980) 254 p.

A subject index of publications on energy, minerals and earth sciences produced by Energy, Mines and Resources Canada to 1979.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR ENERGY AND CONSERVATION BIBLIOGRAPHY. S.E.S.C.I. - Manitoba Chapter. (1979)

A listing of books, pamphlets and research reports relating to conservation and renewable forms of energy.

(NOT AVAILABLE FOR DISTRIBUTION)

AGRICULTURE:

AGRICULTURAL RESOURCES FOR ETHANOL PRODUCTION. Agriculture Canada. (1980) 14 p.

The potential of producing ethanol from agricultural resources in Canada.

ALCOHOL FUELS FROM AGRICULTURE - A DISCUSSION PAPER. Agriculture Canada. (1980) 85 p.

The opportunities and constraints surrounding the production and use of alcohol fuels in Canada.

ALCOHOLS FROM CELLULOSE - AGRICULTURAL RESOURCES. Agriculture Canada. (1976) 16 p.

The potential of producing alcohol from cellulose through agricultural resources.

BIOMASS ENERGY FOR AGRICULTURE. Agriculture Canada. (1979) 3 p.

The feasibility of producing biomass energy from agricultural residues and developing crops specifically for this purpose.

ENERGY CONSERVATION IN GREENHOUSES. Agriculture Canada. (1981) 27 p.

Principles of operating commercial greenhouses by incorporating energy efficient measures.

ENERGY COSTS OF CANADIAN AGRICULTURE. Agriculture Canada. (1976) 21 p.

Energy input to Canadian agriculture and ways to increase the efficiency.

ENERGY CROPS - WHAT LITTLE WE KNOW. Agriculture Canada. (1981) 14 p.

A discussion paper on potential energy crops.

ENERGY IN AGRICULTURE. Agriculture Canada. (1980) 24 p.

Potential energy conservation measures in the Canadian agriculture and food system.

ENVIRONMENTAL CONTROL FOR REDUCING ENERGY WASTE IN FARM BUILDINGS. Ontario Hydro. 45 p.

Insulation and ventilation of agricultural buildings.

FARM BUILDING INSULATION. Manitoba Hydro. (1980) 22 p.

Insulation and ventilation of agricultural buildings.

FARM HOME PLANNING COURSE - REMODELLED HOUSING AND THE SITE #1-8. Rural Education and Development Association. (1980) $18.00

A set of eight publications relating to designing and remodelling a farm home.

(NOT AVAILABLE FOR DISTRIBUTION)

FARM HOME PLANNING COURSE - SITING THE NEW HOME #1-8. Rural Education and Development Association. (1980) $18.00

A set of eight publications for planning and designing a farm home.

(NOT AVAILABLE FOR DISTRIBUTION)

FARM-SCALE PRODUCTION AND USE OF FUEL ALCOHOL: OPPORTUNITIES AND PROBLEMS. Agriculture Canada. (1980) 9 p. (English and French)

The opportunities and potential problems of producing and storing fuel alcohol (ethanol).

FARMSTEAD PLANNING. Agriculture Canada. (1979) 17 p.

Factors to consider when expanding or building a farmstead.

4-H ELECTRIC CONSERVATION CLUB. Ontario Hydro. (1979) 35 p.

Agricultural electricity energy conservation kit developed by the 4-H Club.

GUIDELINES TO ENERGY CONSERVATION AND WIRING ON THE FARM. Ontario Hydro. (1979) 43 p.

General energy conservation on the farm plus technical applications of wiring agricultural buildings.

LIVESTOCK VENTILATION HEAT RECOVERY SYSTEMS. Saskatchewan Agriculture. (1982) 28 p.

The application of ventilation and heat recovery systems for livestock buildings.

PRESENT USE OF ENERGY ON CANADIAN FARMS. Agriculture Canada. 21 p.

Energy uses and potential developments of biomass forms of energy in agriculture.

SAVING ELECTRICAL ENERGY ON YOUR FARM - GET BY WITH LESS. Ontario Hydro. (1979) 10 p.

Tips on conserving electricity on the farm through ventilation, lighting, insulation and heating.

SOLAR HEATING FOR LIVESTOCK BUILDINGS. Saskatchewan Agriculture. (1980) 13 p.

The feasibility of using solar collectors for preheating livestock buildings throughout the Prairie Provinces.

SOLAR POWERED IRRIGATION PUMP. United States Department of Energy. (1980) 9 p.

The application of solar collectors for pumping water through an agricultural irrigation system.

STANDBY ELECTRIC POWER ON YOUR FARM. Ontario Hydro. 8 p.

The installation of standby emergency electric power for farms.

SUMMARY OF AGRICULTURE CANADA'S ENERGY RESEARCH AND DEVELOPMENT CONTRACT REPORTS. Agriculture Canada. (1980) 46 p.

A summary of energy research and development projects contracted out by Agriculture Canada.

APPLIANCES:

AIR CONDITIONING. Manitoba Hydro. (1980) 11 p.

Tips on selecting and using an air conditioner efficiently.

AVERAGE MONTHLY ENERGY USE/ELECTRICAL APPLIANCES. Manitoba Hydro. (1981) 1 p.

A list of average residential electrical consumption for appliances and equipment commonly used in a home.

ENERGUIDE DIRECTORY 1981 - CLOTHES WASHERS AND DISHWASHERS. Consumer and Corporate Affairs and C.S.A. (1981) 12 p.

A directory of clothes washer and dishwasher energy consumption to November 1980.

ENERGUIDE DIRECTORY 1981 - REFRIGERATORS, FREEZERS, RANGES. Consumer and Corporate Affairs and C.S.A. (1981) 28 p.

A directory of refrigerator, freezer and range energy consumption to April 1981.

HOME LAUNDRY APPLIANCES. Manitoba Hydro. (1980) 24 p.

Tips on using home laundry appliances efficiently.

MAJOR APPLIANCES. Manitoba Hydro. (1980) 28 p.

Tips on using major appliances, ranges, refrigerators, freezers and dishwashers efficiently.

(NOT AVAILABLE FOR DISTRIBUTION)

SMALL APPLIANCES. Manitoba Hydro. (1978) 25 p.

Tips on using small kitchen appliances efficiently.

BIOMASS:

AGRICULTURAL RESOURCES FOR ETHANOL PRODUCTION. Agriculture Canada. (1980) 14 p.

The potential of producing ethanol from agricultural resources in Canada.

ALCOHOLS FROM CELLULOSE - AGRICULTURAL RESOURCES. Agriculture Canada. (1976) 16 p.

The potential of producing alcohol from cellulose through agricultural resources.

BIOCONVERSION - FUELS FROM BIOMASS. Franklin Institute Press. (1977) 72 p.

Origins, history and uses of biomass energy.

(NOT AVAILABLE FOR DISTRIBUTION)

BIOMASS ENERGY FOR AGRICULTURE. Agriculture Canada. (1979) 3 p.

The feasibility of producing biomass energy from agricultural residues and developing crops specifically for this purpose.

CANDIDATE RAW MATERIALS FOR THE PRODUCTION OF SYNTHETIC FUELS IN ONTARIO. Ontario Ministry of Energy. (1979) 32 p. $1.25

A study to determine the feasibility of producing synthetic liquid fuels from conventional energy forms, agricultural resources and forest biomass.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CROPS - WHAT LITTLE WE KNOW. Agriculture Canada. (1981) 14 p.

The feasibility of developing agricultural crops specifically for energy use.

AN EVALUATION OF WOOD WASTE ENERGY CONVERSION SYSTEMS. B. H. Leyelton & Associates Limited. (1978) 187 p.

A study to determine the potential technology available for recovering energy from wood waste.

(NOT AVAILABLE FOR DISTRIBUTION)

FOREST INDUSTRY RENEWABLE ENERGY (F.I.R.E.). Energy, Mines and Resources Canada. (1979) 10 p.

A brochure outlining the Federal "Forest Industry Renewable Energy" Program.

GEOTHERMAL ENERGY. United States Department of Energy. (1980) 15 p.

Environmental and economical aspects of producing geothermal energy in the United States.

GUIDELINES FOR RECOVERING RESIDENTIAL WASTE MATERIAL THROUGH SOURCE SEPARATION. Waste Management Advisory Board. (1980) 45 p. $1.50

A guideline for separating recyclable residential waste materials from general residential waste for the production of recycled products.

(NOT AVAILABLE FOR DISTRIBUTION)

HYDROGEN FUEL. United States Department of Energy. (1978) 8 p.

The uses and production of hydrogen energy.

LIQUID FUELS FROM BIOMASS. Agriculture Canada. 5 p.

The feasibility of producing ethanol and methanol from biomass.

LIQUID FUELS IN ONTARIO'S FUTURE - FINDINGS AND RECOMMENDATIONS. Ontario Ministry of Energy. (1978) 40 p. (approx.) $1.00

Technical report on the development of alternate liquid fuels in Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

LIQUID FUELS IN ONTARIO'S FUTURE - FINDINGS AND RECOMMENDATIONS - A SUMMARY. Ontario Ministry of Energy. (1978) 10 p. $1.00

A summary of the above mentioned report.

POTENTIAL OF ETHANOL AS A MOTOR VEHICLE FUEL. United States General Accounting Office. (1980) 28 p. $3.25

A study to determine the feasbility of producing ethanol to be used as a motor vehicle fuel.

PROCEEDINGS OF CANPAC '80. The Biomass Energy Institute. (1980) $11.50

Proceedings of the Canadian National Power Alcohol conference held in Winnipeg, June 1980.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF FOREST & FIELD SYMPOSIUM 1977. The Biomass Energy Institute. (1977) $10.00

Proceedings of the Forest and Field symposium held in Winnipeg, October 1977.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF A SYMPOSIUM INTER-ENERGY 1979. The Biomass Energy Institute. (1979) $10.00

Proceedings of the Inter-Energy symposium held in Winnipeg, October 1979.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF REACT '78. The Biomass Energy Institute. (1978) $10.00

A symposium of renewable energy and energy conservation options held in Winnipeg, October 1978.

(NOT AVAILABLE FOR DISTRIBUTION)

RENEWABLE ALTERNATIVES: S.E.S.C.I. 1978 CONFERENCE PROCEEDINGS VOLUME I AND II. Solar Energy Society of Canada Incorporated. (1978) $25.00

Proceedings of the 1978 Renewable Energy conference held by the Solar Energy Society of Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

THE RENEWABLE BIOMASS ENERGY GUIDEBOOK. The Biomass Energy Institute. (1974) 40 p.

A guide outlining different forms of renewable biomass energy.

(NOT AVAILABLE FOR DISTRIBUTION)

TREE POWER - AN ASSESSMENT OF THE ENERGY POTENTIAL OF FOREST BIOMASS IN CANADA. Energy, Mines and Resources Canada. (1978) 35 p.

A report to determine the feasibility of developing Canada's forest biomass from 1978 - 2025.

(NOT AVAILABLE FOR DISTRIBUTION)

UTILIZATION OF METHANOL-BASED FUELS IN TRANSPORTATION. Ontario Ministry of Energy. (1978) 79 p. $1.25

The feasibility of developing methanol as a transportation fuel.

COMMERCIAL AND INDUSTRIAL:

ACOUSTIC INSULATION FACTOR: A RATING FOR THE INSULATION OF BUILDINGS AGAINST OUTDOOR NOISE. B.R.N. #148. National Research Council (1980) 37 p.

Technical report on acoustical ratings of various types of insulation.

ANNUAL ENERGY CONSUMPTION DATA ON APARTMENT BUILDINGS. B.R.N. #181. National Research Council (1982) 17 p.

Technical report on apartment building energy consumption.

BUILDING SEALS AND SEALANTS. American Society for Testing and Materials (1976) 362 p. $36.00

Technical book comparing various seals and sealants for construction.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CALCULATION OF AIR INFILTRATION RATES CAUSED BY WIND AND STACK ACTION FOR TALL BUILDINGS. National Research Council (1977) 14 p.

A guide for determining air infiltration in tall commercial and industrial buildings.

CANADIAN INDUSTRY ENERGY CONSERVATION TASK FORCES. Energy, Mines and Resources Canada (1980) 57 p.

A progress report on the Canadian Industry Energy Conservation Task Force.

CARBON DIOXIDE MEASUREMENT IN OPEN CLASSROOM SCHOOL WITH OUTSIDE AIR SUPPLY DAMPER CLOSED TO CONSERVE ENERGY. B.R.N. #169. National Research Council. (1980) 12 p.

A report on carbon dioxide levels in schools.

COMMERCIAL AND INDUSTRIAL RETROFIT. Manitoba Department of Energy and Mines (1982) 1 p.

A study to determine efficient methods for commercial and industrial retrofitting and to encourage future retrofits in this sector.

Project #19 (81-69) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DEMAND ENERGY METERING. Manitoba Hydro. (1981) 15 p.

Principles and uses of demand energy metering.

DESIGN GUIDELINES FOR ENERGY CONSERVATION IN SKATING RINKS AND ARENAS. Ontario Ministry of Energy. (1979) 118 p. $2.50

A guide for building skating rinks and arenas with energy efficient features incorporated in the architectural, mechanical and electrical design.

DEVELOPMENT OF PWC CAPABILITY IN THERMOGRAPHIC DIAGNOSIS OF BUILDING ENVELOPE DEFICIENCIES. REPORT #27. Public Works Canada. (1979) 80 p.

Development of thermography by Public Works Canada.

DIRECT CONTACT HEAT RECUPERATOR. Manitoba Department of Energy and Mines. (1982) 1 p.

The installation of a heat recuperator for the purpose of using waste heat from boiler flue gases to heat recirculating water in the Winnipeg Canada Packers plant.

Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DISTRICT HEATING STUDY. Manitoba Department of Energy and Mines. (1982) 1 p.

Phase Two of a study to determine the viability of district heating for downtown Winnipeg.

Project #13 (80-22) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DISTRICT HEATING STUDY. Ontario Ministry of Energy. (1976) 130 p. $4.00

A study to determine the feasibility of district heating for the North Pickering Urban Development, using the Pickering B. Station as the nuclear heat source.

(NOT AVAILABLE FOR DISTRIBUTION)

EFFECT OF EXTENDED PERIODS OF USE ON ANNUAL ENERGY CONSUMPTION OF OFFICE BUILDINGS. B.R.N. #161. National Research Council. (1980) 18 p.

A study to determine energy budgets for office buildings based on degree days, infiltration rates, envelope to floor ratio, hours of operation per day and days of operation per year.

EFFICIENT APPLICATION OF ELECTRIC MOTORS. B. C. Hydro. (1978) 12 p.

Selection and application of electric motors.

ELECTRIC MOTORS. Manitoba Hydro. (1981) 26 p.

Selection, efficiency and maintenance of electric motors.

ENERGY AND INDUSTRY. James Lorimer and Co. (1980) 94 p. $6.95

Study to determine industrial development created by the Canadian National Energy Program.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY BUS FOLDER. Manitoba Department of Energy and Mines. (1980) 3 p.

Details outlining the energy audit for commercial and industrial buildings in Manitoba.

ENERGY CONSERVATION AND BUILDING DESIGN. B.R.N. #110. National Research Council. (1976) 8 p.

New building design with energy conservation details incorporated and utilization of alternate forms of energy.

ENERGY CONSERVATION IN EXISTING ARENAS - THREE CASE STUDIES. Ontario Ministry of Energy. (1979) 80 p. $4.00

This study discusses four areas of arena retrofit: architectural, refrigeration, mechanical and electrical.

ENERGY CONSERVATION IN HOSPITALS: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada. (1980) 198 p.

A guide to existing studies, surveys, programs and publications relating to energy conservation in hospitals.

ENERGY CONSERVATION IN HOTELS & MOTELS: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada. (1980) 242 p.

A guide to existing studies, surveys, programs and publications relating to energy conservation in hotels and motels.

ENERGY CONSERVATION IN PUBLIC BUILDINGS. Ontario Ministry of Energy. (1978) 27 p. $1.00

Energy conservation information on new and existing public building facilities such as: municipal buildings, schools, libraries, hospitals, nursing homes, day care centres and recreational facilities.

ENERGY CONSERVATION IN RETAIL STORES: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada.

A guide to existing studies, surveys, programs and publications relating to energy conservation in retail stores.

ENERGY MANAGEMENT FOR CANADIAN FOOD AND BEVERAGE INDUSTRIES. Agriculture Canada. (1981) 30 p.

A guide to energy conservation and management for the Canadian food and beverage industry.

ENERGY RECOVERY FROM DRYERS. Manitoba Department of Energy and Mines. (1982) 1 p.

The installation of a heat recovery system to preheat outside air with heat transferred from the filtered dryer exhaust system of the Perth's Dry Cleaning plant in Winnipeg, Manitoba.

Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY TIPS FOR HOTELS AND RESTAURANTS. Manitoba Hydro. 8 p.

Hotel and restaurant energy conservation through heating, ventilating, insulation, air conditioning, lighting, etc.

ENER$AVE FOR INDUSTRY AND COMMERCE, #1-10. Energy, Mines and Resources Canada. (1980) 10 booklets

A series of ten booklets directly related to energy conservation in the Commercial and Industrial Sector.

#1 Guidebook/Index
#2 Heating, Cooling & Lighting
#3 Process Design & Heat Recovery
#4 Production Optimization
#5 Combustion Control
#6 Steam & Compressed Air Management
#7 Transportation & Delivery
#8 Efficient People Moving
#9 Office Practices
#10 Employee Motivation & Participation

FIRST STEPS TO ENERGY CONSERVATION FOR BUSINESS. Energy, Mines and Resources Canada. (1980) 21 p.

How to audit energy consumption and an energy checklist for businesses.

A NEW DEVICE FOR MONITORING LIGHTING ENERGY CONSUMPTION. B.R.N. #128. National Research Council. (1978) 8 p.

A technical report on a monitoring device which measures energy consumption of artificial lighting.

PATTERNS OF LIGHTING USE IN A LARGE OPEN-PLAN OFFICE. 1. PRELIMINARY STUDY AND EVALUATION. B.R.N. #129. National Research Council. (1978) 13 p.

A technical study to determine typical lighting energy consumption in a large open-plan office building.

PATTERNS OF LIGHTING USE IN A MEDIUM OPEN-PLAN OFFICE. 2. B.R.N. #139. National Research Council. (1979) 5 p.

A technical study to determine typical lighting energy consumption in a medium open-plan office.

PATTERNS OF LIGHTING USE IN A SCHOOL CLASSROOM. B.R.N. #132. National Research Council. (1978) 18 p.

A study to determine patterns and use of lighting in a typical school classroom.

PEAK DEMAND CONTROLLERS AND ENERGY MANAGEMENT SYSTEMS. B.C. Hydro (1981) 8 p.

The economics and payback period of installing peak demand control and energy management systems for retail, hotel and office buildings.

POWER FACTOR. B.C. Hydro (1981) 8 p.

Determining and correcting power factor for commercial and industrial applications.

THE PRINCESS GREENHOUSE - A DEMONSTRATION PROJECT. NOVA - An Alberta Corporation

The utilization of available engine exhaust heat from natural gas transmission compressor stations, to heat a commercial one-acre greenhouse.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS - THERMOSENSE II. American Society of Photogrammetry (1980) 257 p. $15.00

Principles and applications for detecting energy loss through thermographic testing.

RECORDED ENERGY CONSUMPTION DATA ON OFFICE BUILDING. B.R.N. #182. National Research Council (1982) 10 p.

A technical report to determine total energy consumption in office buildings across Canada.

RECORDED ENERGY CONSUMPTION IN SCHOOL BUILDINGS. B.R.N. #180. National Research Council (1982) 40 p. (approx.)

A technical report to determine total energy consumption of schools across Canada.

RELATION BETWEEN THERMAL RESISTANCE AND HEAT STORAGE IN BUILDING ENCLOSURES. B.R.N. #126. National Research Council (1979) 13 p.

A report which discusses graphical form relations that can be used to estimate the "trade-off" between the mass and the thermal resistance of the building enclosure.

STANDARDS AND GUIDELINES: ENERGY CONSERVATION. Public Works Canada (1980) 300 p. (approx.)

A technical guideline for reducing energy consumption in heating, ventilating and air conditioning systems, for building operation and maintenance personnel.

(NOT AVAILABLE FOR DISTRIBUTION)

THERMOGRAPHIC DIAGNOSIS OF BUILDING ENVELOPE DEFICIENCIES #28. Public Works Canada. (1979) 63 p.

The use of thermography in the "Fathers of Confederation Centre for the Arts", Charlottetown, P.E.I.

THERMOGRAPHY - A NEW BUILDING SCIENCE TOOL #29. Public Works Canada. (1979) 55 p.

The principles of thermography as a tool for locating, identifying and assessing deficiencies in building enclosures.

WASTE HEAT RECOVERY. Manitoba Department of Energy and Mines. (1982) 1 p.

To recover waste heat produced by the refrigeration system for use in space heating the Elm Creek Curling Club.

Project #11 (81-55) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WINNING LOW ENERGY BUILDING DESIGNS. Public Works Canada and Energy, Mines and Resources Canada. (1980) 651 p. $19.95

Thirty-four low energy commercial and industrial building designs. Illustrated with photographs, floor plans and elevated drawings.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY EDUCATION:

ENERGY, A GROWING NATIONAL PROBLEM. National Wildlife Association. (1978) 16 p.

The advantages and disadvantages of non-renewable and renewable forms of energy.

(NOT AVAILABLE FOR DISTIBUTION)

ENERGY ALPHABET POSTER. Manitoba Department of Energy and Mines. (1981)

Tips on conserving energy illustrated with each letter of the alphabet.

ENERGY IN SOCIETY - A RESOURCE GUIDE FOR TEACHERS. Ontario Ministry of Energy. (1980) $5.00

A teaching guide on energy conservation aimed at junior and senior High School students.

ENERGY MANAGEMENT FOR THE FUTURE - A SOURCE BOOK OF IDEAS AND ACTIVITIES FOR ENERGY CONSERVATION LEARNING PROGRAMS. Energy, Mines and Resources Canada. (1980) 127 p.

A teacher's guide relating to managing energy for all grade levels and subject areas.

TEACHER MINI-UNITS - ENERGY AWARENESS FOR GRADES 1-8. Energy, Mines and Resources Canada. (1982) 176 p.

A teaching aid for grades 1-8 covering non-renewable and renewable forms of energy plus conservation.

WIND ENERGY - SCIENCE ACTIVITIES IN ENERGY. U.S. Department of Energy. 12 p.

An experiment for producing energy from the wind aimed at Grades 4, 5 & 6.

ENERGY IN CANADA:

BACKGROUND TO A NEW ENERGY STRATEGY. Energy, Mines and Resources Canada. (1979) 27 p.

An outline of the Federal Government's concerns about energy and petroleum and the need to implement policies.

THE CANADIAN ENERGY BIBLIOGRAPHY. Ontario Library Association. (1980) 146 p. $6.95

A list of over 600 energy related english titles with the majority being published in Canada from 1975 onward.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CANADIAN ENERGY DIRECTORY. Ontario Library Association. (1980) $13.95

Canadian individuals, associations, Government Departments and companies affiliated with the field of Energy.

(NOT AVAILABLE FOR DISTRIBUTION)

CITIES ENERGY CONFERENCE. City of Toronto. (1980) 126 p. $4.00

A source book of the "Cities Energy Conference" held in Toronto January 31 - February 1, 1980.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSERVATION AND RENEWABLE ENERGY GUIDE TO SOURCES OF INFORMATION. Energy, Mines and Resources Canada. (1980) 39 p.

A guide to the sources of information relating to conservation and renewable energy throughout Canada. Listed by subject and region.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY ALTERNATIVES. University of Manitoba Bookstore. (1981) 263 p. $4.95

A report of the "Special Committee on Alternative and Oil Substitution" presented to the First Session of the Thirty-Second Parliament 1980-81.

ENERGY AND MANUFACTURING IN MANITOBA: A REPORT OF THE ECONOMIC DEVELOPMENT ADVISORY BOARD. Manitoba Department of Economic Development and Tourism. (1978) 160 p.

A report outlining energy consumption of Manitoba manufacturing and predicted energy manufacturing costs.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY FUTURES FOR CANADIANS. Energy Mines and Resources Canada. (1978) 353 p.

A long term Assessment of Canadian Energy Policies covering the years 2000 - 2025.

ENERGY FUTURES FOR CANADIANS - Summary. Energy, Mines and Resources Canada. (1978) 63 p.

A summary of the above mentioned study.

ENERGY IN A FINITE WORLD. Balinger Publishing Company. (1981) 68 p.

A report prepared by the "International Institute for Applied Systems Analysis" to assess the international energy problem for the 50 year period from 1980-2030.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY - ROUGH ROAD TO ELDORADO. The Globe and Mail. (1981) 79 p. $3.75

Views and comments of the Canadian National Energy Program 1980 compiled by the Globe and Mail.

(NOT AVAILABLE FOR DISTRIBUTION)

THE ENERGY SQUEEZE. James Lorimer & Company. (1980) 144 p. $6.95

A study conducted by Bruce Willson on the Canadian Energy Crisis, surveying non-renewable and renewable forms of energy to the year 2025.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY UPDATE 1979. Energy, Mines and Resources Canada. (1980) 52 p.

An overview of Canadian renewable and non-renewable energy including conservation measures to 1979.

ENERGY UPDATE 1981. Energy, Mines and Resources Canada. (1981) 49 p.

An overview of Canadian renewable and non-renewable energy including conservation measures to 1981.

INTERNATIONAL DIRECTORY OF NEW AND RENEWABLE ENERGY INFORMATION SOURCES AND RESEARCH CENTRES. Solar Energy Research Institute. (1982) 469 p. $20.00

A directory listing all international information sources and research centres active in the field of energy conservation and renewable energy.

(NOT AVAILABLE FOR DISTRIBUTION)

INTRODUCTION TO ENERGY IN CANADA. Energy, Mines and Resources Canada. (1978) 12 p.

The history of energy in Canada including sources and uses.

THE NATIONAL ENERGY PROGRAM 1980. Energy, Mines and Resources Canada. (1980) 115 p.

National decisions and policies developed by the Government of Canada to encourage energy security, to further develop the petroleum industry and promote fairness to all Canadians.

THE NATIONAL ENERGY PROGRAM 1980 - HIGHLIGHTS. Energy, Mines and Resources Canada. (1980) 26 p.

A general background to the Canadian National Energy Program highlighting the policy decisions.

THE NATIONAL ENERGY PROGRAM UPDATE 1982. Energy, Mines and Resources Canada. (1982) 94 p.

The progress of the Canadian National Energy Program 1980 including new measures that have been implemented.

THE NATIONAL ENERGY PROGRAM UPDATE 1982. A SUMMARY. Energy, Mines and Resources Canada. (1982) 29 p.

A summary of the 1982 National Energy Program Update.

NATIONAL GEOGRAPHIC: A SPECIAL REPORT IN THE PUBLIC INTEREST - ENERGY. National Geographic. (1981) 115 p. $1.15

A summary of the International energy crisis to 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

NEW ENERGY SOURCES FOR TODAY: THE RENEWABLE ENERGY HANDBOOK. Energy Probe. (1978) 239 p. $6.98

Renewable energy developments in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

PLANNING LAND TO CONSERVE ENERGY. Environment Canada. (1982) 212 p.

A study to aid in energy efficient land use planning for Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

ROADS TO ENERGY SELF RELIANCE. Canadian Government Publishing Centre. (1979) 200 p. $4.50

A study to determine energy research and demonstration programs that should be implemented in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

SOFT ENERGY PATHS: TOWARD A DURABLE PEACE. Energy Probe. (1979) 240 p. $6.75

An international overview of developing soft energy paths to replace diminishing hard energy paths, as written by Anthony B. Lovins.

(NOT AVAILABLE FOR DISTRIBUTION)

ZERO ENERGY GROWTH FOR CANADA. McClelland & Stewart. (1981) 304 p. $19.95

The feasibility of implementing specific strategies to encourage reduced energy consumption in Canada through government policy changes, by David B. Brooks.

HEATING:

AN AIR-TO-AIR HEAT EXCHANGER FOR RESIDENCES. University of Saskatchewan. (1980) 12 p. $1.00

A guide to constructing an air-to-air heat exchanger for residential use.

AIR-TO-AIR HEAT EXCHANGERS FOR HOUSES. Van Nostrand Reinhold Ltd. (1982) 188 p. $24.95

Principles of operation for a residential air-to-air heat exchanger including a list of commercially available systems.

(NOT AVAILABLE FOR DISTRIBUTION)

BILLPAYER'S GUIDE TO FURNACE SERVICING. Energy, Mines and Resources Canada. (1980) 100 p.

A homeowner's guide to maintaining oil and gas heating systems.

CANADIAN WOOD HEAT BOOK. Harrowsmith Magazine. (1979) 295 p. $8.95

A guide to selecting and maintaining a wood burning appliance.

(NOT AVAILABLE FOR DISTRIBUTION)

CHIMNEY RETROFITS DUE TO FUEL CHANGEOVER. Ontario Ministry of Energy. (1981) 90 p. $6.00

A study to identify and review problems associated with deteriorating masonry chimneys due to fuel changeover.

(NOT AVAILABLE FOR DISTRIBUTION)

CONVERSION TO ELECTRIC HEATING. Manitoba Hydro. (1981) 28 p.

Types of electric heating equipment, ventilation systems and areas of the home to re-insulate when installing a new heating system.

THE COST OF OWNING AND OPERATING A RESIDENTIAL HEAT PUMP SYSTEM IN CANADA. National Research Council. (1980) 25 p. $2.00

A comparison of owning and operating residential heat pumps and conventional furnaces in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

DOMESTIC CHIMNEYS AND GAS VENTS. National Research Council. (1981) 4 p.

The operation and maintenance of different types of domestic chimneys.

DOMESTIC HEAT PUMPS. Access Books. (1976) 117 p. $7.75

The historical development of the heat pump, design characteristics and principles of operation.

(NOT AVAILABLE FOR DISTRIBUTION)

EFFICIENT HEATING OF BUILDINGS. Manitoba Hydro. (1982) 148 p.

The application of air vapour barriers, controlling humidity, determining heat loss calculations and the application of different electric heating systems.

(NOT AVAILABLE FOR DISTRIBUTION)

EFFICIENT RESIDENTIAL OIL HEATING SYSTEMS. Energy, Mines and Resources Canada. (1979) 48 p.

A guide to maintaining and upgrading domestic oil heating systems.

HEAT PUMP EFFECTIVENESS IN WINNIPEG, MANITOBA. Manitoba Hydro. (1982) 37 p.

The effectiveness of using air-to-air, groundwater-to-air and groundsource-to-air heat pumps in Manitoba.

(NOT AVAILABLE FOR DISTRIBUTION)

HEAT PUMPS. Energy, Mines and Resources Canada. (1980) 3 p.

The operating principles and configurations of heat pumps plus consumer considerations.

HEATING WITH WOOD--SAFELY. Energy, Mines and Resources Canada. (1981) 30 p.

Selecting, installing and maintaining wood burning stoves, space heaters, furnaces and fireplaces.

HOT WATER TIPS. Manitoba Hydro. 1 p.

Tips on using domestic hot water efficiently.

HOW TO REDUCE YOUR HOT WATER HEATING COSTS. Energy, Mines and Resources Canada. (1980) 3 p.

How to insulate hot water tanks and pipes, adjusting thermostat settings and general maintenance to reduce your hot water heating costs.

HOW TO SELECT AN ENERGY EFFICIENT GAS FURNACE. Energy, Mines and Resources Canada. (1980) 3 p.

Selecting and sizing an energy efficient gas furnace.

INSULATE YOUR WATER HEATER AND SAVE FUEL. United States Department of Energy. (1978) 1 p.

How to insulate hot water tanks.

MEETING THE CHALLENGE OF WOOD ENERGY. Canadian Wood Energy Institute. (1979) 118 p. $20.00

Proceedings of the Canadian Wood Energy Institute conference held February 1979 in Toronto, Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

NET ANNUAL HEAT LOSS FACTOR METHOD FOR ESTIMATING HEAT REQUIREMENTS. B.R.N. #117. National Research Council. (1976) 23 p.

A technical report on calculating annual heating requirements for houses.

THE NEW IMPROVED WOOD HEAT. Access Books. (1978) 428 p. $8.95

The history and economics of wood heating with stoves and fireplaces.

(NOT AVAILABLE FOR DISTRIBUTION)

PERFORMANCE OF ADD-ON HEAT PUMPS IN VARIOUS PARTS OF CANADA. B.R.N. #24. National Research Council. (1981) 11 p.

A technical report for estimating electricity and oil consumption that will result from an add-on heat pump installed on an existing oil furnace.

PURCHASING A NEW OIL FURNACE. Energy, Mines and Resources Canada. (1982) 1 p.

Tips for selecting a new oil furnace for residences.

RESIDENTIAL SPACE HEATING WITH THE HEAT PUMP. B.R.N. #125. National Research Council. (1978) 22 p.

Performance and economics of residential applications of the heat pump.

THE SAFE USE OF SOLID FUEL APPLIANCES. Manitoba Department of Labour and Manpower. (1982) 27 p.

Safety regulations for installing wood stoves, fireplaces and furnaces in Manitoba.

SELECTING A NEW FURNACE. Manitoba Department of Energy and Mines. (1982) 16 p.

How to select a new gas furnace, including a comparison of conventional and energy efficient models and how to properly size the furnace.

SET BACK THERMOSTAT. Manitoba Hydro. (1981) 1 p.

The operation and benefits of installing a set back thermostat.

SWITCHING TO ELECTRICITY. Energy, Mines and Resources Canada. (1982) 21 p.

Considerations to make when converting residential heating systems to electricity.

SWITCHING TO NATURAL GAS. Energy, Mines and Resources Canada. (1981) 16 p.

Considerations to make when converting your oil heating system to natural gas.

WATER HEATING - SELECTING RESIDENTIAL EQUIPMENT. Manitoba Hydro. (1978) 20 p.

A guide to selecting, sizing and maintaining residential electric water heaters.

WOOD AND COAL STOVES: A PRIMER ON SAFETY. Manitoba Department of Labour. (1980) 1 p.

Tips on installing wood and coal stoves safely, including chimneys, ventilation and how to burn fuel efficiently.

WOOD ENERGY: REKINDLING AN OLD FLAME. Energy Probe. (1981) 44 p. $40.00

A report dealing with supply and demand of forest biomass and harvesting the forest's energy in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD STOVES: EFFICIENT DESIGN AND PERFORMANCE. Energy, Mines and Resources Canada. (1978) 15 p.

The efficiency of wood fired appliances tested by the Canadian Combustion Research Laboratory.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD STOVES - HOW TO MAKE AND USE THEM. Canadian Wood Energy Institute. (1977) 194 p. $7.50

The operation and efficiency of wood stoves.

(NOT AVAILABLE FOR DISTRIBUTION)

HOME CONSTRUCTION:

AIRTIGHT HOUSES AND CARBON MONOXIDE POISONING. National Research Council. (1982) 4 p.

Causes and remedial measures of carbon monoxide poisoning in airtight houses.

AIR-VAPOUR BARRIERS. Energy, Mines and Resources Canada. (1982) 84 p. $6.95

Practical application of air-vapour barriers in new house construction.

(NOT AVAILABLE FOR DISTRIBUTION)

BUILDERS' GUIDE TO ENERGY EFFICIENCY IN NEW HOUSING. Ontario Ministry of Energy. (1980) 138 p. $6.00

A guide to energy efficient home construction.

(NOT AVAILABLE FOR DISTRIBUTION)

C.G.S.B. CATALOGUE OF STANDARDS APPLICABLE TO THE NATIONAL MASTER SPECIFICATION FOR BUILDING CONSTRUCTION. Canadian General Standards Board. (1980) 450 p. $50.00

A handbook developed by Energy, Mines and Resources Canada and the C.G.S.B. Committee for the Insulation Contractor Certification Program.

(NOT AVAILABLE FOR DISTRIBUTION)

CANADIAN WOOD-FRAME HOUSE CONSTRUCTION. Canada Mortgage and Housing Corporation. (1979) 261 p. $3.00

Technical guide dealing with all aspects of wood frame house construction.

COMMENTARY ON MEASURES FOR ENERGY CONSERVATION IN NEW BUILDINGS. National Research Council. (1978) 41 p. $2.00

A commentary on the technical report outlining energy conservation requirements and their application in new buildings.

THE CONSERVATION OF ENERGY IN HOUSING. Canada Mortgage and Housing Corporation. (1977) 145 p. $3.00

Recommended building techniques for energy efficient house construction.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSTRUCTION GUIDE FOR PRESERVED WOOD FOUNDATIONS. Canadian Wood Council. (1981) 39 p. $3.00

Practical design and construction methods for preserved wood foundations in Canada.

DESIGN AND CONSTRUCTION OF LOW ENERGY HOUSES IN SASKATCHEWAN. B.P.N. #30 National Research Council. (1982) 7 p.

The development of low energy housing on the Canadian Prairies.

ENERGY CONSERVATION DESIGN RESOURCE HANDBOOK. Royal Architectural Institute of Canada. (1979) 400 p. (approx.) $65.00

An architectural handbook covering all aspects of energy conserving building design.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CONSERVATION IN NEW SMALL RESIDENTIAL BUILDINGS. Canada Mortgage and Housing Corporation (1981) 73 p. $1.50

Recommendations for energy efficient house construction based on the publication "Measures for Energy Conservation in New Buildings".

ENERGY EFFICIENT HOUSING - A PRAIRIE APPROACH. Manitoba Department of Energy and Mines. (1981) 31 p.

Residential energy efficient home construction specific to the Canadian Prairie Provinces.

ENERGY EFFICIENT HOUSING - KENSINGTON HOMES - WINNIPEG. Manitoba Department of Energy and Mines. (1982) 1 p.

The construction of an energy efficient 1,865 sq. ft. home in Winnipeg to demonstrate the cost effectiveness and reduced energy consumption of this building technique.

Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT/RENEWABLE ENERGY HOUSING DESIGNS. Canadian Secretariat. (1980) 26 p. $2.00

An illustrated book containing energy efficient house designs including elevated views and floor plans.

(NOT AVAILABLE FOR DISTRIBUTION)

LOG AND TIMBER STRUCTURES OF THE OTTAWA AREA. B.R.N. #145. National Research Council. (1979) 21 p.

A comparison of three log home building techniques used during the 1800's.

LOW COST ENERGY EFFICIENT SHELTER. Rodale Press. (1976) 408 p. $13.95

Design principles for energy efficient house construction and retrofit housing.

MANITOBA ENERGY CONSERVATION HOUSE - PLANS. Manitoba Department of Energy and Mines. (1979) $7.00

Residential house plans for a 1,060 sq. ft. energy efficient dwelling.

MANITOBA ENERGY CONSERVATION HOUSE - SPECIFICATIONS. Manitoba Department of Energy and Mines. (1979) $4.00

Building specifications for the Manitoba Energy Conservation House.

MARK XI ENERGY RESEARCH PROJECT: AIR-TIGHTNESS AND AIR-INFILTRATION MEASUREMENTS. B.R.N. #162. National Research Council. (1980) 21 p.

An air tightness and air infiltration study of four houses, identical in floor plan and size. One home is built to conventional standards while the remaining three have energy efficient building techniques incorporated.

MARK XI ENERGY RESEARCH PROJECT: COMPARISON OF STANDARD AND UPGRADED HOUSES. B.R.N. #160. National Research Council. (1980) 18 p.

A comparison of thermal efficiencies relating to the above mentioned project.

MARK XI ENERGY RESEARCH PROJECT: DESIGN AND CONSTRUCTION. B.R.N. #131. National Research Council. (1978) 20 p.

A comparison of design and construction techniques relating to the above mentioned project.

MARK XI ENERGY RESEARCH PROJECT: SUMMARY OF RESULTS 1978-1981. B.R.N. #27. National Research Council. (1982) 18 p.

Summary and results of the above mentioned project, from 1978-1981.

MEASURED ENERGY CONSUMPTION OF A GROUP OF LOW-ENERGY HOUSES. National Research Council. (1980) 5 p. $1.00

A report on total energy consumption and space heating requirements of approximately 50 homes constructed in the Saskatoon Area.

MEASURES FOR ENERGY CONSERVATION IN NEW BUILDINGS. National Research Council. (1978) 52 p.

Technical report outlining energy conservation requirements and their application in new buildings.

(NOT AVAILABLE FOR DISTRIBUTION)

1981 NEWFOUNDLAND ENERGY EFFICIENT HOUSING WORKSHOP AND EXHIBITS. Newfoundland Department of Mines and Energy. (1981) 238 p. $20.00

Proceedings of the Energy Efficient Housing Workshop held in St. John's, Newfoundland, November 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL STANDARDS. National Research Council. (1980) 288 p. $1.50

Residential building requirements prepared by the Standing Committee on Housing and Small Buildings.

(NOT AVAILABLE FOR DISTRIBUTION)

SUPERINSULATED HOUSES AND DOUBLE ENVELOPE HOUSES. Brick House Publishing Company. (1980) 100 p. (approx.) $15.95

Principles and practices of superinsulated and double envelope houses.

(NOT AVAILABLE FOR DISTRIBUTION)

THERMAL ENVELOPE HOUSES. B.P.N. #31. National Research Council. (1982) 9 p.

The construction of thermal envelope houses plus advantages and limitations to this building technique.

UNDERGROUND DESIGNS. Van Nostrand Reinhold Limited. (1977) 88 p. $10.95

Construction techniques for underground designs of houses, offices and businesses.

(NOT AVAILABLE FOR DISTRIBUTION)

UNDERGROUND HOUSES: HOW TO BUILD A LOW COST HOME. Harrowsmith Magazine. (1980) 128 p. $6.95

Construction techniques for underground houses.

(NOT AVAILABLE FOR DISTRIBUTION)

THE WELL TEMPERED HOUSE. Renewable Energy in Canada. (1980) 218 p. $11.95

A detailed analysis of various energy efficient houses constructed across Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD BUILDINGS - LOG OR FRAME. B.R.N. #144. National Research Council. (1979) 11 p.

A comparison of log housing and conventional wood frame construction.

HYDRO:

BRANDON GENERATING STATION. Manitoba Hydro 12 p.

An illustrated description of the Brandon Hydro Generating Station.

CANADA/UNITED STATES ELECTRICITY EXCHANGES. United States Department of Energy (1979) 243 p.

A study to determine the potential for increasing international electricity exchanges between Canada and the United States.

(NOT AVAILABLE FOR DISTRIBUTION)

A CENTURY OF POWER. Manitoba Hydro (1977) 16 p.

A brief history of the electrical power industry in Manitoba, from 1873 to 1973.

ELECTRIC POWER IN CANADA 1980. Energy, Mines and Resources Canada (1980) 44 p.

An overview of 1980 policy decisions that have had an effect on the planning and development of the Canadian electrical system.

ELECTRICITY ACROSS THE BORDER: THE UNITED STATES-CANADIAN EXPERIENCE. Institute C.D. Howe (1978) 65 p. $4.00

History and development of Canadian and U.S. electrical interconnections including regulation changes and future interconnections.

(NOT AVAILABLE FOR DISTRIBUTION)

GRAND RAPIDS. Manitoba Hydro (1979) 19 p.

An illustrated description of the Grand Rapids Generating Station.

(NOT AVAILABLE FOR DISTRIBUTION)

KETTLE GENERATING STATION. Manitoba Hydro (1979) 14 p.

An illustrated description of the Kettle Generating Station.

MANITOBA ELECTRICITY FACT SHEET. Manitoba Hydro (1980) 2 p.

Manitoba Hydro's generating capacity plus provincial and U.S. interconnections.

THE MANITOBA HYDRO-ELECTRIC BOARD ANNUAL REPORT. Manitoba Hydro (1982) 30 p.

Annual report from Manitoba Hydro - year ending March 31, 1982.

MANITOBA HYDRO'S LAKE WINNIPEG REGULATION AND JENPEG GENERATING STATION. Manitoba Hydro (1979) 11 p.

An illustrated description of Lake Winnipeg Regulation and Jenpeg Generating Station.

(NOT AVAILABLE FOR DISTRIBUTION)

MANITOBA HYDRO'S LONG SPRUCE GENERATING STATION. Manitoba Hydro (1980) 7 p.

An illustrated description of the Long Spruce Generating Station.

MANITOBA - THE ELECTRICAL PROVINCE. Manitoba Hydro (1980) 1 p.

The history and development of electrical power in Manitoba illustrated with a map.

MANITOBA - THE HYDRO PROVINCE. Manitoba Hydro (1981) 1 p.

A colored map illustrating the present hydro electric generating stations and proposed sites in Manitoba.

MONTHLY ELECTRIC RATES. Manitoba Hydro (1981) 1 p.

Urban and rural electricity rates for Manitoba.

NELSON RIVER DC TRANSMISSION SYSTEM. Manitoba Hydro (1977) 15 p.

An illustrated description of the Nelson River DC transmission system.

PRODUCING ELECTRICITY. Manitoba Hydro (1979) 16 p.

A step by step guide on the production of electricity.

PROVINCE OF MANITOBA - HYDRO STATIONS MAP. Manitoba Hydro (1980)

A coloured map illustrating hydro and thermal generating stations and transmission lines throughout Manitoba.

SELKIRK GENERATING STATION. Manitoba Hydro (1979) 12 p.

An illustrated description of the Selkirk Generating Station.

THE WINNIPEG RIVER. Manitoba Hydro (1980) 15 p.

An illustrated description of the Winnipeg River Generating Stations.

LOANS AND GRANTS:

CANADA HOME RENOVATION PLAN. Canada Mortgage and Housing Corporation (1982) 1 p.

A Federal incentive program for home renovations based on annual combined income. Maximum forgivable loan is $3,000 which decreases as income bracket becomes higher.

CANADIAN OIL SUBSTITUTION PROGRAM. Energy, Mines and Resources Canada. (1982) 2 p.

A Federal incentive administered through the Provincial heating utilities for the conversion of oil heating systems to other renewable or non-renewable forms of energy. The taxable grant covers 50% of conversion cost to a maximum of $800 for residences, and is somewhat higher for commercial and industrial establishments.

CRITICAL HOME REPAIR PROGRAM. Manitoba Housing and Renewal Corporation. 1 p.

A Provincial incentive for home repairs for homeowners on low fixed incomes. Grants and loans are allocated according to the family or pensioners income. The potential total incentive for families is $3,000 and for pensioners, $1,500.

ELECTRICAL MODERNIZATION PLAN. Manitoba Hydro (1980) 1 p.

An incentive administered by Manitoba Hydro to provide loans of up to $2,000 to upgrade existing wiring for residences, farm and commercial customers.

ENERGY DEMO: HOME ENERGY SAVING DEMONSTRATION

A 50/50 cost shared program for 120 Manitoba homes constructed before 1971 and valued at $64,000 or less. Homeowners must spend between $2,000.00 and $10,000.00 and reduce their energy consumption by at least 40%. Program closes Feburary 18th, 1983.

HOMEOWNERS' INSULATION LOAN PROGRAM

A loan of up to $1,000.00 for homeowners adding insulation, vapour barriers, ventilation, weatherstripping, caulking, windows, doors and framing material for insulated areas. Administered through the hydro utility, the interest rate is 9 1/2% and payments are made on the monthly electric bill.

INITIATIVES IN DOMESTIC ENERGY CONSERVATION. Canada Mortgage and Housing Corporation (1981) 230 p.

A list of Federal and Provincial initiatives for domestic energy conservation.

(NOT AVAILABLE FOR DISTRIBUTION)

MANITOBA/CANADA CONSERVATION AND RENEWABLE ENERGY DEMONSTRATION PROGRAM. Manitoba Department of Energy and Mines. (1982)

A Federal/Provincial incentive for the development and demonstration of conservation and renewable energy new technologies. This is a three way cost shared program which terminates March 1984.

PROPANE GRANT PROGRAM. Energy, Mines and Resources Canada. 1 p.

A Federal incentive program to assist commercial fleet operators and farmers to convert their vehicles to propane. Up to $400 is available for each vehicle.

PROPANE GRANT PROGRAM: ARE YOU ELIGIBLE? Energy, Mines and Resources Canada. 1 p.

The eligibility criteria for the Propane Grant Program.

SMALL SCALE ENERGY DEMONSTRATION PROGRAM. (Brochure) Manitoba Department of Energy and Mines. (1982) 1 p.

A Provincial incentive for small businesses (under 20 employees), individuals, municipalities, institutions and non-profit organizations to develop and demonstrate conservation and renewable energy new technologies. Projects cannot exceed $10,000 and Government assistance will vary between 50-75% of the project cost. Program has been extended to March 31, 1983.

SMALL SCALE ENERGY DEMONSTRATION PROGRAM - GUIDELINES AND APPLICATION FORM. Manitoba Department of Energy and Mines. (1982) 14 p.

Guidelines and application form for the Small Scale Energy Demonstration Program.

NON-RENEWABLE:

CANADIAN PETROLEUM INDUSTRY - 1980 MONITORING SURVEY. Energy, Mines and Resources Canada. (1980) 66 p.

Activities and financial performance of the oil and gas industry in Canada for 1980.

CANADIAN PETROLEUM INDUSTRY MONITORING SURVEY 1981. Energy, Mines and Resources Canada. (1982) 82 p.

Activities and financial performance of the oil and gas industry in Canada for 1981.

CANADIAN PETROLEUM INDUSTRY MONITORING SURVEY 1981 - FIRST SIX MONTHS. Energy, Mines and Resources Canada. (1981) 46 p.

Activities and financial performance of the oil and gas industry in Canada for January-June 1981.

COAL IN CANADA. Energy, Mines and Resources Canada. (1976) 19 p.

The formation, mining and uses of coal in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

COAL RESOURCES AND RESERVES OF CANADA. Energy, Mines and Resources Canada. (1980) 37 p.

The coal industry in Canada including reserves, supply and demand.

(NOT AVAILABLE FOR DISTRIBUTION)

FINDING OUT ABOUT FUELS. Energy, Mines and Resources Canada. 8 p.

Coal, petroleum and tar sands research carried out by the Canada Centre for Mineral & Energy Technology (CANMET).

(NOT AVAILABLE FOR DISTRIBUTION)

FOCUS ON ENERGY - SERIES 1-7. Canadian Petroleum Association. (1980) $3.50 (set of 7)

A series of 7 booklets on the production of oil and gas in Canada by the Canadian Petroleum Association.

(NOT AVAILABLE FOR DISTRIBUTION)

THE GEOPHYSICAL STORY: SEISMIC EXPLORATION FOR OIL AND NATURAL GAS. Canadian Petroleum Association. (1979) 4 p.

Background information and seismic exploration techniques used for locating oil and natural gas.

(NOT AVAILABLE FOR DISTRIBUTION)

MAJOR OIL AND GAS FIELDS AND PIPELINES IN CANADA. Energy, Mines and Resources Canada. (1979) 1 p.

A map illustrating Canadian oil and gas fields to 1979.

PETROLEUM IN CANADA. Energy, Mines and Resources Canada. (1979) 12 p.

A history of the petroleum industry in Canada.

RESOURCES UNDER THE SEA. Energy, Mines and Resources Canada. (1978) 20 p.

Background information on the offshore exploration for petroleum.

NUCLEAR:

ASSESSING THE CONCEPT. Atomic Energy of Canada Limited. 1 p.

The management and disposal of nuclear waste.

ATOMS AT YOUR SERVICE. Atomic Energy of Canada Limited. (1974) 20 p.

How nuclear energy is produced, its uses and types of reactors.

BRUCE GENERATING STATION DATA - UNITS 1-4. Ontario Hydro. (1979) 1 p.

Background information on the Bruce Generating Station located in Bruce Township, Ontario.

BRUCE NUCLEAR POWER DEVELOPMENT. Atomic Energy of Canada Limted. 1 p.

Background information on the Bruce Generating Station located in Bruce Township, Ontario.

CANDU 600. Atomic Energy of Canada Limited. (1976) 18 p.

The development of Canada Deuterium Uranium.

COMMONSENSE IN NUCLEAR ENERGY. University of Manitoba Bookstore. (1980) 88 p. $6.95

Pro nuclear issues discussed by Fred and Geoffrey Hoyle.

(NOT AVAILABLE FOR DISTRIBUTION)

DARLINGTON GENERATING STATION. Ontario Hydro. (1981) 4 p.

Background information on the Darlington Generating Station located in Newcastle, Ontario.

DOUGLAS POINT NUCLEAR POWER STATION. Atomic Energy of Canada Limited. (1973) 1 p.

Background information on the Douglas Point Generating Station located near Kincardine, Ontario.

FUNDAMENTALS OF NUCLEAR POWER. Atomic Energy of Canada Limited. (1980) 16 p.

A basic understanding of the development and production of nuclear energy including a glossary of related terms.

HEAVY WATER. Atomic Energy of Canada Limited. (1979) 4 p.

The production and uses of heavy water.

LIVING WITH RADIATION. Atomic Energy of Canada Limited. (1981) 1 p.

A basic understanding of the different types of radiation.

MEASURING EARTHQUAKE ACTIVITY. Atomic Energy of Canada Limited. 1 p.

The importance of measuring earthquake activity throughout different parts of Canada for the safe disposal of nuclear wastes.

NUCLEAR ENERGY IN CANADA - THE CANDU SYSTEM. Atomic Energy of Canada Limited. (1981) 9 p.

An outline of the Candu nuclear power system including general performance and cost.

NUCLEAR ENERGY - THE UNFORGIVING TECHNOLOGY. University of Manitoba Bookstore. (1976) 259 p. $4.95

The nuclear question in Canada discussed by Fred H. Knelman.

(NOT AVAILABLE FOR DISTRIBUTION)

NUCLEAR FUEL WASTE. Atomic Energy of Canada Limited. 1 p.

Research and programs surrounding the disposal of nuclear fuel waste.

NUCLEAR MADNESS - WHAT CAN YOU DO! University of Manitoba Bookstore. (1980) 116 p. $2.95

The nuclear question in the United States discussed by Dr. Helen Caldicott.

(NOT AVAILABLE FOR DISTRIBUTION)

NUCLEAR POWER - CANDU REACTOR SAFETY. Atomic Energy of Canada Limited. (1980) 11 p.

Benefits, risks and safety of the Candu reactor.

NUCLEAR REACTOR SAFETY. Ontario Hydro. (1980) 16 p.

Safety standards for nuclear generating stations.

PICKERING GENERATING STATION. Ontario Hydro. (1979) 4 p.

Background information on the Pickering Generating Station located near Toronto, Ontario.

PUBLIC HEALTH ASPECTS OF RADIATION. Atomic Energy of Canada Limited. (1978) 17 p.

A comparison of natural, man-made and nuclear power radiation and it's effect on public health.

TRANSPORTATION OF NUCLEAR FUEL. Atomic Energy of Canada Limited. (1979) 10 p.

A report discussing the transportation of used fuel from nuclear reactors.

UNDERGROUND RESEARCH LABORATORY. Atomic Energy of Canada Limited. (1981) 1 p.

The development of the underground research laboratory located near Lac du Bonnet, Manitoba.

URANIUM, NUCLEAR POWER AND CANADA-U.S. ENERGY RELATIONS. Institute C.D. Howe. (1978) 71 p. $4.00

The utilization of uranium for nuclear reactor stations with relation to Canada and the United States.

WHAT IS RADIATION? Ontario Hydro. (1978) 1 p.

An explanation of man-made and naturally produced radiation.

WR-1 WHITESHELL REACTOR NO. 1. Atomic Energy of Canada Limited. (1973) 6 p.

Background information on the Whiteshell Nuclear Research establishment in Pinawa, Manitoba.

RESIDENTIAL GENERAL:

ANALYSIS OF ENERGY CONSERVATION OPTIONS. Canada Mortgage and Housing Corporation (1981) 120 p.

A report which analyzes the available energy conservation equipment, cost and potential energy savings for the homeowner.

(NOT AVAILABLE FOR DISTRIBUTION)

APARTMENT DWELLERS GUIDE. Manitoba Hydro. (1980) 12 p.

Tips to reduce energy costs for apartment dwellers.

C.S.A. STANDARDS CATALOGUE (ANNUAL). Canadian Standards Association. (1981) 42 p.

An annual listing of all products which have received C.S.A. certification.

ENERGY SAVERS CATALOGUE. Longman Canada. (1977) 160 p. $6.95

A guide to energy saving products and their application.

(NOT AVAILABLE FOR DISTRIBUTION)

THE GARBAGE BOOK. Energy, Mines and Resources Canada. (1979) 104 p.

How to reduce your energy costs by throwing away less, recycling items and minimizing the use of disposable products.

THE HARROWSMITH READER. Harrowsmith Magazine. (1978) 287 p. $9.95

An annual edition of articles published from the previous year of Harrowsmith Magazine.

(NOT AVAILABLE FOR DISTRIBUTION)

JUST THE FACTS. Canadian Standards Association. 2 p.

Background information on the Canadian Standards Association and its Certification Division.

LIGHTING. Manitoba Hydro. (1980) 23 p.

How to determine lighting requirements for your home and selecting appropriate lighting for different areas.

(NOT AVAILABLE FOR DISTRIBUTION)

100 WAYS TO SAVE ENERGY AND MONEY IN THE HOME. Energy, Mines and Resources Canada. (1975) 160 p.

A guide for reducing total energy consumption in the home.

SUMMER COTTAGES. Manitoba Hydro. (1980) 20 p.

How to design and construct summer cottages with energy efficient building techniques.

RETROFIT:

ADDING INSULATION TO HOUSE ATTICS. B.P.N. #3. National Research Council. (1976) 3 p.

A technical report on selecting a suitable residential attic insulation, installing it and the approximate cost.

AIR INFILTRATION MEASURING DEVICE. Manitoba Department of Energy and Mines. (1982) 1 p.

The development and testing of the air infiltrometer for detecting air infiltration in residences.

Project #7 (80-1) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

APPLICATION OF INSULATION AND VAPOUR BARRIERS. B.R.N. #24. National Research Council. 7 p.

A technical report outlining the importance of vapour barriers and ventilation in insulated areas for residences.

ATTIC CONDENSATION. Manitoba Hydro. (1981) 5 p.

The cause of residential attic condensation and practical methods of alleviating the problem.

CANADIAN GENERAL STANDARDS BOARD MANUAL - NATIONAL CERTIFICATION PROGRAM FOR RESIDENTIAL INSULATION CONTRACTORS. Canadian General Standards Board. (1980) 500 p. $35.00

A manual for insulation contractors to develop a technical standard for installing residential insulation.

(NOT AVAILABLE FOR DISTRIBUTION)

CELLULOSE FIBRE INSULATION. Energy, Mines and Resources Canada. (1979) 4 p.

The application of cellulose fibre insulation, it's advantages and disadvantages.

CHOOSING A CONTRACTOR - 5 SAFE STEPS. Winnipeg Construction Association. (1980) 1 p.

Five steps to selecting a contractor for residential renovations.

COMMENTS ON STANDARDIZATION OF DENSITY AND THERMAL RESISTANCE TESTING OF CELLULOSE FIBRE INSULATION FOR HORIZONTAL APPLICATIONS. B.R.N. #147. National Research Council. (1979) 17 p.

A study to determine methods of testing cellulose fibre insulation for density and thermal resistance for horizontal applications.

CONDENSATION IN THE HOME - WHERE, WHY AND WHAT TO DO ABOUT IT. Canada Mortgage and Housing Corporation. (1980) 29 p.

Practical methods of preventing and controlling condensation in residences.

DO IT YOURSELF INSULATION AND WEATHERSTRIPPING. Sunset Books. (1978) 80 p. $3.95

A guide to insulating, weatherstripping and caulking your home.

(NOT AVAILABLE FOR DISTRIBUTION)

DOOR TO DOOR SALES OF HOME IMPROVEMENTS. Consumers' Bureau. (1978) 1 p.

Precautionary measures one should take when hiring a door to door contractor.

A DOUBLE WALL RETROFIT PROJECT. Ike Warentin. (1982) 24 p.

Steps taken to perform a double wall retrofit on a Winnipeg home constructed in 1906.

(NOT AVAILABLE FOR DISTRIBUTION)

THE EFFECT OF INCREASED INSULATION ON EXPOSED ROOFING MEMBRANES. B.P.N. #4 National Research Council. (1977) 7 p.

A study to determine if additional insulation effects the structural aspects of certain types of roofs.

ENERGY CONSERVATION AND ROOFS. B.P.N. #6. National Research Council. (1977) 16 p.

A study to determine the cost effectiveness of adding additional roof insulation to commercial, industrial and residential buildings.

ENERGY EFFICIENT: TECHNICAL GUIDELINES FOR EXISTING HOMES. Manitoba Hydro. (1982) 69 p.

Energy efficient building standards for retrofit housing developed by the Canadian Electrical Associaton.

(NOT AVAILABLE FOR DISTRIBUTION)

ENER$AVE FOR HOME INSULATION - QUESTIONNAIRE - A COMPUTERIZED GUIDE TO SAVING ENERGY AND MONEY IN YOUR HOME. Energy, Mines and Resources Canada. (1980) 15 p.

A residential energy audit questionnaire to be completed by the homeowner. Recommendations on how to improve your home's energy efficiency are forwarded, based on the information given in the questionnaire.

ENGINEERING METHOD FOR ESTIMATING ANNUAL BASEMENT HEAT LOSS AND INSULATION PERFORMANCE. Institute of Man and Resources. (1980) 27 p. $2.00

A technical method of determining basement heat loss and optimum retrofit measures.

(NOT AVAILABLE FOR DISTRIBUTION)

ESTIMATING ENERGY SAVINGS FROM REINSULATING HOUSES. B.P.N. #20. National Research Council. (1981) 32 p.

A report outlining estimated savings of reinsulated houses and the approximate payback period.

EVALUATION OF THE HOME ENERGY AUDIT SERVICE. Saskatoon Energy Conservation Information Centre. (1982) 30 p. (approx.)

An outline and evaluation of the Home Energy Audit Service conducted by the Saskatoon Energy Information Centre.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW DRY IS YOUR BASEMENT FLOOR? B.P.N. #10. National Research Council. (1978) 3 p.

A method of conducting tests to determine moisture levels of basement floors before installing a floor covering.

HOW TO AVOID INSULATION RIP-OFFS. Energy, Mines and Resources Canada. 6 p.

Precautionary measures to take when hiring an insulation contractor.

HOW TO ENSURE GOOD THERMAL PERFORMANCE OF CELLULOSE FIBRE INSULATION - HORIZONTAL APPLICATIONS. B.R.N. #157. National Research Council. (1980) 20 p.

Test results for cellulose fibre insulation comparing densities of different products, conducted by the National Research Council.

HOW TO HIRE A CONTRACTOR. Canada Mortgage and Housing Corporation. (1981) 27 p.

Steps to take when hiring a contractor including the contract itself and consumer protection.

HOW TO INSULATE YOUR BASEMENT - EXTERIOR METHOD. Manitoba Department of Energy and Mines. (1982) 20 p.

A practical guide to insulating basements using the exterior method.

HOW TO INSULATE YOUR BASEMENT - INTERIOR METHOD. Manitoba Department of Energy and Mines. (1982) 16 p.

A practical guide to insulating basements using the interior method.

HOW TO WEATHERSTRIP AND CAULK YOUR HOME. Manitoba Department of Energy and Mines. (1982) 27 p.

A guide to weatherstripping and caulking your home plus a list of different types of weatherstripping and caulking materials available and where to use them.

INFLATION FIGHTERS BIG BOOK. Prentice-Hall. (1979) 262 p. $15.95

How to impove the energy efficiency of your home through insulation, ventilation, heating systems, lighting and developing alternative forms of energy.

(NOT AVAILABLE FOR DISTRIBUTION)

INFRARED - AN ENERGY TOOL. United States General Accounting Office. 6 p.

The principles of using infrared cameras as a heat loss detection device.

IN SEARCH OF HOME INSULATION. Saskatchewan Mineral Resources. (1982) 9 p.

An outline of commonly used insulation materials with a chart listing approximate R-values, cost, fire, water and vermin resistance, etc.

INSULATE YOUR WINDOWS. NOVA - An Alberta Corporation. (1982) 1 p.

How to control infiltration around windows and methods of installing moveable insulation for windows.

INSULATED WINDOWS SHUTTERS. B.P.N. #17. National Research Council. (1980) 3 p.

A report on optional methods of insulating windows.

INSULATING THE WALLS OF EXISTING MASONRY HOUSES. Ontario Government Bookstore. (1981) 45 p. $2.50

The technical problems and safeguards of insulating existing masonry houses.

(NOT AVAILABLE FOR DISTRIBUTION)

INSULATION RETROFIT OF MASONRY BASEMENTS. Ontario Government Bookstore. (1981) 140 p. $10.00

A report discussing the advantages and disadvantages of insulating various types of basements using the exterior and interior methods.

(NOT AVAILABLE FOR DISTRIBUTION)

INSULATION RETROFITTING - A CASE HISTORY. B.P.N. #21. National Research Council. (1981) 23 p.

A case study of an older home in the Ottawa Area before and after retrofit measures were performed.

KEEPING THE HEAT IN. Energy, Mines and Resources Canada. (1976) 108 p.

A step by step practical guide to sealing and insulating residential buildings.

A METHOD FOR CALCULATING OPTIMUM LEVELS OF INSULATION. B.C. Hydro. (1980) 11 p.

The economics and cost effectiveness of re-insulating houses and retrofitting windows primarily for British Columbia.

POLYURETHANE FOAM AS A THERMAL INSULATION: A CRITICAL EXAMINATION. B.R.N. #124. National Research Council. (1978) 6 p.

General characteristics of polyurethane insulation and specific problems encountered with the spray-on type.

PROGRAM FOR HAND HELD COMPUTER. ESTIMATING ENERGY SAVINGS FROM REINSULATING HOUSES. B.P.N. #36. National Research Council. (1982) 12 p.

How to use hand held computers to perform home energy audit calculations, as outlined in B.P.N. #20, Estimating Energy Savings From Reinsulating Houses.

PUBLIC HOUSING RETROFIT. Manitoba Department of Energy and Mines. (1982) 1 p.

The retrofit and study of 100 identical homes using 4 different techniques to determine which technique reduces energy consumption the most.

Project #5 (80-27) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RESIDENTIAL AIR INFILTRATION TEST AND SEALING. Manitoba Department of Energy and Mines. (1982) 1 p.

A five year study to determine air infiltration rates and fuel consumption of 100 homes before and after sealing, caulking and weatherstripping measures are performed.

Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

THE SUPER-INSULATED RETROFIT BOOK: A HOMEOWNER'S GUIDE TO ENERGY EFFICIENT RENOVATION. Renewable Energy in Canada. (1981) 208 p. $11.95

A practical guide to exterior and interior residential retrofit including a number of case studies and retrofit measures implemented with results.

(NOT AVAILABLE FOR DISTRIBUTION)

TENANCY TALK: A CASE OF CONSENSATION. Manitoba Office of the Rentalsman. (1979) 6 p.

Steps to reduce condensation in the home.

UREA FORMALDEHYDE FOAM INSULATION. B.P.N. #19. National Research Council. (1981) 10 p.

An introduction to problems that may be caused by improperly installed urea formaldehyde foam insulation.

UREA FORMALDEHYDE FOAM INSULATION: PROBLEM IDENTIFICAITON AND REMEDIAL MEASURES FOR WOOD FRAME CONSTRUCTION. B.P.N. #23. National Research Council. (1981) 40 p.

Identifying potential problems of homes insulated with U.F.F.I. and remedial measures for wood frame house construction.

UREA FORMALDEHYDE FOAM INSULATION UPDATE. Energy, Mines and Resources Canada. (1981) 4 p.

Remedial measures for homes insulated with U.F.F.I.

WEATHERSTRIP THE DOORS IN YOUR HOME. NOVA - An Alberta Corporation. (1981) 1 p.

A practical guide to weatherstripping doors.

WINDOWS. Energy, Mines and Resources Canada. (1980) 3 p.

The thermal resistance of different types of windows plus advantages and disadvantages of conventional types.

WINDOWS & DOORS. Manitoba Hydro. (1981) 3 p.

Sealing windows and doors to prevent air infiltration and condensation.

SOLAR:

BACKGROUND INFORMATION ON SOLAR GREENHOUSES. Saskatoon Energy Conservation Information Centre. 5 p.

Design considerations for constructing a solar greenhouse.

BUILD A SOLAR GREENHOUSE. NOVA - An Alberta Corporation. (1981) 1 p.

Insulation and design considerations for a solar greenhouse.

BUILD YOUR OWN SOLAR WATER HEATER. Environmental Information Centre of the Florida Conservation Foundation Incorporated. (1976) 25 p. $7.00

A step by step guide for construction of a solar water heater.

BUILDING A SOLAR INDUSTRY: SOLAR ENERGY PROGRAMS AT PUBLIC WORKS CANADA. Public Works Canada. (1982) 16 p.

An outline of the programs Public Works Canada is involved with for the development of solar energy.

CANADIAN SOLAR DIRECTORY. Solar Energy Society of Canada Incorporated. (1981) 27 p. $1.20

A guide to solar related companies in Canada.

THE COMPLETE SOLAR HOUSE. Dodd, Mead and Company. (1977) 212 p. $8.95

Designing and retrofitting a home to maximize solar energy potential for heating and cooling.

(NOT AVAILABLE FOR DISTRIBUTION)

DES BARRES HOUSE - A SOLAR MULTI-FAMILY DWELLING. Institute of Man & Resources. 1 p.

Background information on the solar heated Des Barres House, a project under the P.E.I./Canada Conservation and Renewable Energy Demonstration Agreement.

DESCRIPTION OF SOME SOLAR HEATED HOUSES IN CANADA. Brace Research Institute. (1977) 30 p. $2.50

A summary of selected homes across Canada using solar energy.

(NOT AVAILABLE FOR DISTRIBUTION)

DESIGNING AND BUILDING A SOLAR HOUSE. Garden Way Publishing Company. (1977) 281 p. $10.00

A guide to building a solar home incorporating active and passive heating systems.

(NOT AVAILABLE FOR DISTRIBUTION)

DOMESTIC SOLAR WATER HEATING: A BUILDER'S GUIDE. California Energy Commission. (1978) 1 p.

The components and operation of solar domestic hot water systems.

FLOATING SWIMMING POOL COVERS FOR ENERGY CONSERVATION. B. C. Hydro. (1979) 1 p.

Types of swimming pool covers, and their effectiveness in retaining solar heat.

A GUIDE TO SOLAR AND RENEWABLE ENERGY COURSES ACROSS CANADA. Solar Energy Society of Canada Incorporated. (1982) 17 p. $2.00

Solar and renewable energy related courses offered in Universities and Colleges across Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO BUILD A SOLAR HEATER. Crown Publishers. (1980) 242 p. $4.95

A guide to constructing all types of solar collectors for pool heating, domestic water, space heating and barbecues.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO BUILD A SOLAR WATER HEATER. Brace Research Institute. (1979) 18 p. $1.50

A step by step guide to building a solar domestic water heater.

LE BRETON FLATS DEVELOPMENT EVALUATION 4 - SOLAR ASSISTED DOMESTIC HOT WATER SYSTEMS. Canada Mortgage and Housing Corporation. (1982) 11 p.

The development of a solar domestic hot water system in the Le Breton Flats housing complex located in downtown Ottawa.

LE BRETON FLATS DEVELOPMENT EVALUATION 5 - ENERGY CONSERVATION FEATURES. Canada Mortgage and Housing Corporation. (1982) 13 p.

Design features incorporated in the Le Breton Flats development to maximize energy efficiency and to reduce total consumption.

PASSIVE SOLAR HEATING IN CANADA - A DISCUSSION PAPER. Energy, Mines and Resources Canada. (1980) 119 p.

A report discussing architectural, technical and economic aspects for the development of passive solar heating in Canada.

PASSIVE SOLAR HEATING IN RESIDENCES: AN ANALYSIS FOR THE SOUTHERN CANADIAN PRAIRIE CLIMATE. Department of Mechanical Engineering, University of Saskatchewan. (1980) 25 p. $1.00

A study to determine the feasibility of using passive solar energy on the Canadian Prairie Provinces.

(NOT AVAILABLE FOR DISTRIBUTION)

PASSIVE SOLAR HEATING STUDIES AT THE DIVISION OF BUILDING RESEARCH. B.R.N. #188. National Research Council. (1982) 10 p.

Construction techniques used to design the National Research Council passive solar test facility and the studies that are presently being conducted.

THE POTENTIAL FOR SOLAR ENERGY IN POOL HEATING IN CANADA 1980-2000. Energy, Mines and Resources Canada. (1980) 43 p.

A study to determine the feasibility of using solar energy to heat swimming pools.

PREVENTION OF EXCESS SNOW ACCUMULATION DUE TO ROOF MOUNTED SOLAR COLLECTORS. Ontario Ministry of Energy. (1981) 60 p. $6.00

A study to determine which configurations of solar collectors do not cause excessive accumulations of snow on roofs.

(NOT AVAILABLE FOR DISTRIBUTION)

RECOMMENDATIONS FOR SOLAR INSTALLATIONS. B. C. Hydro. (1981) 8 p.

Space and domestic water heating with solar collectors and suggested recommendations for installation.

REPORT ON AN ASSESSMENT OF THE POTENTIAL OF SOLAR ENERGY IN MANITOBA. Manitoba Department of Energy and Mines. (1981) 81 p.

A report to assess the potential of all aspects of solar energy for use in Manitoba.

RESIDENTIAL PASSIVE SOLAR DESIGN & CONSTRUCTION PROJECT--CONSTRUCTION REPORT. Ontario Ministry of Energy. (1981) 62 p. $6.00

Construction techniques used to build 20 homes for the Ministry of Energy, Ontario, Residential Passive Solar Design and Construction Project.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL PASSIVE SOLAR DESIGN & CONSTRUCTION PROJECT--DESIGN PROJECT. Ontario Ministry of Energy. (1981) 71 p. $6.00

Design techniques used for the above mentioned project.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL PASSIVE SOLAR HEATING - REVIEW & DEVELOPMENT OF DESIGN AIDS. Ontario Ministry of Energy. (1980) 100 p. $4.00

A study to determine the feasibility of developing passive solar energy in Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR ELECTRICITY FROM PHOTOVOLTAIC CONVERSION. United States Department of Energy. (1978) 9 p.

Methods and the economics of producing electricity from solar collectors.

SOLAR ENERGY PROGRAM: DESIGN AND CONSTRUCTION - WINNIPEG DEMONSTRATION SOLAR HEATED HOME. National Research Council. (1977) $3.50

Design and construction techniques used on the active solar demonstration home in Winnipeg, Manitoba.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR ENERGY PROGRAM - TEN PRACTICAL PASSIVE SOLAR HOUSES IN EASTERN CANADA. National Research Council. (1980) 37 p. $3.00

An analysis of ten passive solar homes constructed in Eastern Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HEAT GAIN THROUGH WINDOWS FOR SELECTED LOCATIONS IN CANADA. Solar Energy Society of Canada Incorporated. (1982) 27 p. $7.00

A tabulation of solar heat gain through vertical, double glazed windows for Vancouver, Edmonton, Winnipeg, Swift Current, Toronto, Ottawa, Montreal and Halifax.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HEATING. Solar Energy Society of Canada Incorporated. (1980) 1 p.

General background information explaining active and passive solar energy and the economics of each.

SOLAR HEATING FOR SWIMMING POOLS. Ontario Ministry of Energy. (1982) 33 p. $3.00

Solar heating swimming pools using different types of collectors and the economics of the various systems.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HEATING FOR WINKLER SWIMMING POOL. Manitoba Department of Energy and Mines. (1981) 1 p.

The implementation of a solar water heater for the Town of Winkler's outdoor swimming pool.

Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATING - SWIMMING POOL. Manitoba Department of Energy and Mines. (1981) 1 p.

The implementation of an active solar heating system for the Town of Deloraine's outdoor swimming pool.

Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATING SYSTEM FOR CANADIAN BUILDINGS. B.R.N. #104. National Research Council. (1977) 22 p.

A study to determine the economic feasibility of solar heating systems versus conventional forms of heating and guidelines for selecting a solar sytem.

SOLAR HOMES AND SUN HEATING. Fitzhenry & Whiteside. (1976) 178 p. $17.95

The principles and implementation of active and passive solar heating systems for residences.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HOT WATER...A HOMEOWNER'S GUIDE. Energy, Mines and Resources Canada. (1982) 14 p.

The application and operation of solar domestic hot water systems for residences.

SOLAR RETROFIT - ADDING SOLAR TO YOUR HOME. Van Nostrand Reinhold. (1981) 199 p. $11.95

Guidelines to follow for retrofitting your existing home to passive or active solar heating.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR WATER HEATER BOOK. Renewable Energy in Canada. (1980) 80 p. $6.95

A guide to constructing active and passive solar domestic hot water systems.

(NOT AVAILABLE FOR DISTRIBUTION)

THE SOLARIUM PRIMER. National Research Council. (1981) 32 p. $3.95

Background information on developing a solarium.

THE SOLARIUM WORKBOOK. National Research Council. (1981) 112 p. $14.95

Construction guide for building a solarium.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLPLAN ALMANAC. The Drawing-Room Graphic Services Limited. $3.50

A guide to Canadian solar and climate data with a log to record your home energy consumption.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLPLAN II - SOLAR ENERGY FOR EXISTING HOUSES. The Drawing-Room Graphic Services Limited. (1978) 40 p. $4.00

A workbook for adding solar heating systems to existing homes.

SOLPLAN III - SOLAR GREENHOUSES FOR CANADA. The Drawing-Room Graphic Services Limited. 60 p. $4.50

A workbook for designing and constructing solar greenhouses, including information for growing vegetables and plants.

SOLPLAN V - ENERGY CONSERVING SOLAR HOUSES FOR CANADA. The Drawing-Room Graphic Services Limited. (1981) 80 p. $5.95

Design features and floor plans for energy efficient passive solar homes.

SUBDIVISIONS AND SUN: 3 DESIGN STUDIES. Ontario Ministry of Energy. (1979) 100 p. $4.00

A guide for developing housing subdivisions to maximize passive solar gain.

(NOT AVAILABLE FOR DISTRIBUTION)

SUN POWER - WIND POWER. National Research Council. 1 p.

Background information on how solar and wind energy are produced.

SWIMMING POOL HEATING. Solar Energy Society of Canada Incorporated. 1 p.

Considerations for installing a solar collector to heat swimming pools.

SWIMMING POOLS. Manitoba Hydro. (1980) 8 p.

Tips for maintaining swimming pools and solar applications for heating.

UTILIZATION OF SOLAR GAIN THROUGH WINDOWS FOR HEATING HOUSES. B.R.N. #184. National Research Council. (1982) 19 p.

A study to determine useful solar gain through various types of windows and houses throughout Canada.

YOUR HOME'S SOLAR POTENTIAL: THE DO-IT-YOURSELF SOLAR SURVEY. Efston Science Incorporated. (1976) 60 p. $14.25

How to assess your home to determine it's solar energy potential.

(NOT AVAILABLE FOR DISTRIBUTION)

TRANSPORTATION:

THE CANADIAN VANPOOLING GUIDEBOOK. Energy, Mines and Resources Canada. (1982) 45 p.

A guide to organizing and operating a vanpool.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CAR ECONOMY BOOK. Energy, Mines and Resources Canada. (1980) 91 p.

Tips on buying, driving and maintaining your automobile.

CAR FAN RESEARCH AT NRC. National Research Council. (1978) 1 p.

A study to determine the energy efficiency of automobile fans.

COMMUTER VAN POOLING OPERATIONS GUIDE FOR EMPLOYERS. Chrysler Canada Limited. (1979) 27 p.

An operating guide to commuter vanpooling based on a system implemented by Chrysler Canada.

CNG - THE NATURAL ALTERNATIVE TO GASOLINE (GUIDE). British Columbia Ministry of Universities, Science and Communications.

Compressed natural gas as an alternate motor vehicle fuel including a guide to converting conventional motor vehicles to CNG.

(NOT AVAILABLE FOR DISTRIBUTION)

CNG - THE NATURAL ALTERNATIVE TO GASOLINE (BROCHURE). British Columbia Ministry of Universities, Science and Communications. 1 p.

General background information for converting conventional motor vehicles to compressed natural gas.

ENERGY COSTS - AUTOMOBILE, INTERIOR & ENGINE BLOCK HEATERS. Manitoba Hydro. (1981) 1 p.

Electricity consumption and cost of operating motor vehicle block and interior heaters.

FUEL CONSUMPTION GUIDE. Transport Canada. (1981, 1982, 1983)

An annual guide listing fuel consumption of cars and trucks manufactured in that specific year.

FUEL ECONOMY CALCULATOR AND LOG. Manitoba Department of Energy and Mines. (1982)

A pocket-size conversion slide rule plus a log for recording fuel consumption of motor vehicles.

GASOHOL AND PROPANE FLEET TEST. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to determine the feasibility of using propane and gasohol for commercial vehicles in various areas of Manitoba.

Project #2 (80-18, 80-19) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

POTENTIAL OF ETHANOL AS A MOTOR VEHICLE FUEL. United States General Accounting. (1980) 28 p. $3.25

A study to determine the feasibility of producing ehtanol to be used as a motor vehicle fuel.

ROUTE OPTIMIZATION. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to develop a program for route optimization in urban areas, rural distribution systems and a school bus operation.

Project #22 (81-83) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

THE 3M COMMUTE-A-VAN STATUS REPORT II. 3M Canada Limited. (1980) 67 p.

A report on the operation of the "Commute-A-Van" program implemented by 3M Canada Inc.

(NOT AVAILABLE FOR DISTRIBUTION)

TRUCKER'S GUIDE TO ENERGY CONSERVATION. Canadian Trucking Association. (1980) 21 p.

A maintenance and operating guide for improving energy efficiency in commercial trucks.

UTILIZATION OF METHANOL-BASED FUELS IN TRANSPORTATION. Ontario Ministry of Energy. (1978) 79 p. $1.25

The feasibility of developing methanol to be used as a transportation fuel.

VANPOOLING - A FLEXIBLE ALTERNATIVE FOR COMMUTERS. Energy, Mines and Resources Canada. (1982) 1 p.

General background information on vanpooling listing employer and employee benefits.

WINNIPEG TRANSIT - FEASIBILITY OF CONVERSION TO NON-PETROLEUM POWER SOURCES. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to determine present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System.

Project #16 (80-25) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WIND:

ARUSHA WINDMILL - A CONSTRUCTION MANUAL. Access Books. (1977) 58 p. $4.50

Design and construction techniques for the Arusha windmill.

(NOT AVAILABLE FOR DISTRIBUTION)

ATLANTIC WIND TEST SITE. Atlantic Wind Test site. (1980) 1 p.

Performance and research from the Atlantic Wind Test Site in Prince Edward Island.

CAN YOU BENEFIT FROM WIND GENERATED ELECTRICITY? Brace Research Institute. (1978) 8 p.

Pros and cons of developing wind generating systems comparing cost and economic factors.

(NOT AVAILABLE FOR DISTRIBUTION)

COMMERCIALLY AVAILABLE WINDMILL SYSTEMS AND COMPONENTS. Brace Research Institute. (1979) 11 p.

A list of manufacturers and products available for the development of wind energy systems.

DEVELOPMENT, INSTALLATION & TESTING OF WIND TURBINE DIESEL HYBRID. Ontario Ministry of Energy. (1979) 89 p. $3.00

A study to determine methods of producing electrical power from the wind for remote communities.

ELECTRIC POWER FROM THE WIND. Access Books. (1974) 40 p. $2.50

Practical methods of producing energy from the wind for individual applications.

(NOT AVAILABLE FOR DISTRIBUTION)

ELECTRICITY FROM THE WIND. Brace Research Institute. 16 p. $1.75

A report on different types of wind energy systems.

(NOT AVAILABLE FOR DISTRIBUTION)

EXPLORING ENERGY I - WIND ENERGY. Energy, Mines and Resources Canada. (1981) 20 p.

The technical and economic characteristics of wind energy and present sytems being developed in Canada.

HARNESSING THE WIND FOR HOME ENERGY. Access Books. (1978) 134 p. $6.50

A comparison of low energy and large wind generators for producing wind energy at the residential level.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO CONSTRUCT A CHEAP WIND MACHINE FOR PUMPING WATER. Brace Research Institute. (1979) 20 p. $1.50

A step-by-step guide for constructing a wind machine for pumping water.

(NOT AVAILABLE FOR DISTRIBUTION)

PLANNING A WIND-POWERED GENERATING SYSTEM. Access Books. (1977) 46 p. $2.50

Practical application of wind power systems for commercial and residential uses.

(NOT AVAILABLE FOR DISTRIBUTION)

SUN POWER/WIND POWER. National Research Council. (1980) 1 p.

General background information on the principles of wind and solar energy.

WIND MACHINES. Access Books. (1975) 77 p. $3.50

The history of wind power illustrating applications, systems and designs.

(NOT AVAILABLE FOR DISTRIBUTION)

WIND POWER. Energy, Mines and Resources Canada. (1979) 52 p.

Technical, economic and safety considerations for the selection and installation of wind generation systems.

WIND POWER IN ALBERTA. Alberta Research Council. (1976) 100 p. $2.00

An introduction to the basics of wind power and its application in Alberta.

WIND POWER THEORY, APPLICATION AND EQUIPMENT. Brace Research Institute. 27 p.

Considerations to make when installing a wind energy system plus various methods and equipment available.

(NOT AVAILABLE FOR DISTRIBUTION)